

## TMCEDISORT09: MClinDent Orthodontics

Covering modules: EAORG003, EAORG010, EAORG011, EAORG012, EAORG013, EAORG014, EAORG015, EAORG016, EAORG017, EAORG399

[View Online](#)



[1]

D. H. Enlow, 'Chapter 14 Cephalometrics, Chapter', in Facial growth, 3rd ed., Philadelphia: Saunders, 1990, pp. 346–395.

[2]

British Standards Institution, British Standard glossary of dental terms: Glossaire des termes utilisés en art dentaire, [1st revision]., vol. BS. London: B.S.I., 1983.

[3]

K. G. Isaacson and British Orthodontic Society, Guidelines for the use of radiographs in clinical orthodontics, 3rd ed. London: B.O.S., 2015.

[4]

'British Orthodontic Society Advice sheets'. pp. 1–30, 2013 [Online]. Available: <http://www.bos.org.uk/Professionals-Members/Directorates-Committees-Groups/Directorates/Clinical-Governance/Clinical-Governance-Publication-Committee/Members-advice-sheets>

[5]

NICE, 'Prophylaxis against infective endocarditis: Antimicrobial prophylaxis against infective endocarditis in adults and children undergoing interventional procedures'. [Online]. Available: <http://www.nice.org.uk/guidance/cg64>

[6]

A.-M. Glenny, R. Oliver, G. J. Roberts, L. Hooper, and H. V. Worthington, 'Antibiotics for the prophylaxis of bacterial endocarditis in dentistry', in Cochrane Database of Systematic Reviews, Chichester, UK: John Wiley & Sons, Ltd, 1996 [Online]. Available: <http://doi.wiley.com/10.1002/14651858.CD003813.pub4>

[7]

A. Patel, D. J. Burden, and J. Sandler, 'Medical disorders and orthodontics', *Journal of Orthodontics*, vol. 36, no. Suppl, pp. 1–21, Dec. 2009, doi: 10.1179/14653120723346.

[8]

J. J. Zahrowski, 'Bisphosphonate treatment: An orthodontic concern calling for a proactive approach', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 131, no. 3, pp. 311–320, Mar. 2007, doi: 10.1016/j.ajodo.2006.09.035.

[9]

A. Lundstrom, 'An investigation of 202 pairs of twins regarding fundamental factors in the aetiology of malocclusion', *The European Journal of Orthodontics*, vol. 29, no. Supplement 1, pp. i51–i57, Apr. 2007, doi: 10.1093/ejo/cjl098.

[10]

W. R. PROFFIT, 'Equilibrium Theory Revisited: Factors Influencing Position of the Teeth', *Angle Orthodontics*, vol. 48, no. 3, pp. 175–186, 1978 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281978%29048%3C0175%3AETRFIP%3E2.0.CO%3B2>

[11]

J. P. Moss, 'The soft tissue environment of teeth and jaws.', *British journal of orthodontics*, vol. 7, no. 3, pp. 127–137, 1980 [Online]. Available: <http://jorthod.maneyjournals.org/content/7/3/127.citation>

[12]

J. L. Ackerman and W. R. Proffit, 'Soft tissue limitations in orthodontics: Treatment planning guidelines', *The Angle Orthodontist*, vol. 67, no. 5, pp. 327–336, 1997 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281997%29067%3C0327%3ASTLIOT%3>

## E2.3.CO%3B2

[13]

N. Hunt, 'Northcroft Memorial Lecture 2005: Muscling in on malocclusions: Current concepts on the role of muscles in the aetiology and treatment of malocclusion', *Journal of Orthodontics*, vol. 33, no. 3, pp. 187–197, Sep. 2006, doi: 10.1179/146531205225021660.

[14]

S. Linder-Aronson, 'Respiratory function in relation to facial morph.', *British Journal of Orthodontics*, vol. 6, no. 2, pp. 59–71, 1979.

[15]

S. E. Bishara and D. Ortho., 'Impacted maxillary canines: A review', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 101, no. 2, pp. 159–171, 1992, doi: 10.1016/0889-5406(92)70008-X.

[16]

A. Becker, 'Etiology of maxillary canine impactions', *American Journal of Orthodontics*, vol. 86, no. 5, pp. 437–438, 1984, doi: 10.1016/S0002-9416(84)90038-1.

[17]

T. Baccetti, M. Leonardi, and P. Armi, 'A randomized clinical study of two interceptive approaches to palatally displaced canines', *The European Journal of Orthodontics*, vol. 30, no. 4, pp. 381–385, 2008, doi: 10.1093/ejo/cjn023.

[18]

V. Kokich, 'What's new in dentistry', *Angle Orthodontics*, vol. 64, no. 4, pp. 249–249, 1994 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281994%29064%3C0249%3AWNID%3E2.0.CO%3B2>

[19]

S. Ericson and J. Kurol, 'Resorption of Incisors After Ectopic Eruption of Maxillary Canines: A CT Study', *The Angle Orthodontist* -, vol. 70, no. 6, pp. 415–423, 2000 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%282000%29070%3C0415%3AROIAEE%3E2.0.CO%3B2>

[20]

P. F. McSherry, 'The ectopic maxillary canine: a review', *British Journal of Orthodontics*, vol. 25, no. 3, pp. 209–216, 1998, doi: 10.1093/ortho/25.3.209. [Online]. Available: <http://jorthod.maneyjournals.org/content/25/3/209>

[21]

P. S. Fleming, P. K. Sharma, and A. T. DiBiase, 'How to...mechanically erupt a palatal canine', *Journal of Orthodontics*, vol. 37, no. 4, pp. 262–271, 2010, doi: 10.1179/14653121043200.

[22]

N. Parkin et al., 'Extraction of primary (baby) teeth for unerupted palatally displaced permanent canine teeth in children', in *Cochrane Database of Systematic Reviews*, Chichester, UK: John Wiley & Sons, Ltd, 1996 [Online]. Available: <http://doi.wiley.com/10.1002/14651858.CD004621.pub3>

[23]

N. A. Parkin et al., 'Periodontal health of palatally displaced canines treated with open or closed surgical technique: A multicenter, randomized controlled trial', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 144, no. 2, pp. 176–184, 2013, doi: 10.1016/j.ajodo.2013.03.016.

[24]

J. O'Neill, 'Limited evidence for interceptive extraction of deciduous teeth to prevent permanent canine impaction', *Evidence-Based Dentistry*, vol. 14, no. 1, pp. 23–24, 2013, doi: 10.1038/sj.ebd.6400918.

[25]

J. Naoumova, J. Kurol, and H. Kjellberg, 'A systematic review of the interceptive treatment of palatally displaced maxillary canines', *The European Journal of Orthodontics*, vol. 33, no. 2, pp. 143–149, 2011, doi: 10.1093/ejo/cjq045.

[26]

S. Baumrind and R. C. Frantz, 'The reliability of head film measurements', *American Journal of Orthodontics*, vol. 60, no. 2, pp. 111–127, Aug. 1971, doi: 10.1016/0002-9416(71)90028-5.

[27]

S. Baumrind and R. C. Frantz, 'The reliability of head film measurements', *American Journal of Orthodontics*, vol. 60, no. 5, pp. 505–517, Nov. 1971, doi: 10.1016/0002-9416(71)90116-3.

[28]

S. Baumrind, D. Miller, and R. Molthen, 'The reliability of head film measurements: 3. Tracing superimposition.', *American Journal of Orthodontics*, vol. 70, no. 6, pp. 617–644, 1976, doi: 10.1016/0002-9416(76)90224-4.

[29]

W. J. B. Houston, 'The analysis of errors in orthodontic measurements', *American Journal of Orthodontics*, vol. 83, no. 5, pp. 382–390, May 1983, doi: 10.1016/0002-9416(83)90322-6.

[30]

R. E. Moyers and F. L. Bookstein, 'The inappropriateness of conventional cephalometrics', *American Journal of Orthodontics*, vol. 75, no. 6, pp. 599–617, Jun. 1979, doi: 10.1016/0002-9416(79)90093-9.

[31]

J. Miller, 'The application and importance of cephalometry ... [Orthodontist. 1970] - PubMed - NCBI', *The Orthodontist*, vol. 2, no. 2, pp. 32–47, 1970.

[32]

L. Devereux, D. Moles, S. J. Cunningham, and M. McKnight, 'How important are lateral cephalometric radiographs in orthodontic treatment planning?', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 139, no. 2, pp. e175-e181, Feb. 2011, doi: 10.1016/j.ajodo.2010.09.021.

[33]

T. Baccetti, L. Franchi, and J. A. McNamara, 'The Cervical Vertebral Maturation (CVM) Method for the Assessment of Optimal Treatment Timing in Dentofacial Orthopedics', *Seminars in Orthodontics*, vol. 11, no. 3, pp. 119-129, Sep. 2005, doi: 10.1053/j.sodo.2005.04.005.

[34]

J. H. Noar and S. Pabari, 'Cone beam computed tomography - current understanding and evidence for its orthodontic applications?', *Journal of Orthodontics*, vol. 40, no. 1, pp. 5-13, Mar. 2013, doi: 10.1179/1465313312Y.0000000040.

[35]

A. Richardson, *Interceptive orthodontics*, 4th ed. London: British Dental Association, 1999.

[36]

W. J. S. Kerr, 'The effect of the premature loss of deciduous canines and molars on the eruption of their successors', *The European Journal of Orthodontics*, vol. 2, no. 2, pp. 123-128, Jan. 1980, doi: 10.1093/ejo/2.2.123.

[37]

S. Ericson and J. Kurol, 'Early treatment of palatally erupting maxillary canines by extraction of the primary canines', *The European Journal of Orthodontics*, vol. 10, no. 4, pp. 283-295, Nov. 1988, doi: 10.1093/ejo/10.4.283.

[38]

J. Kurol and B. Thilander, 'Infraocclusion of primary molars and the effect on occlusal

development, a longitudinal study', *The European Journal of Orthodontics*, vol. 6, no. 4, pp. 277–293, Nov. 1984, doi: 10.1093/ejo/6.4.277.

[39]

P. J. Sandler, R. Atkinson, and A. M. Murray, '1 Search Results - VOLUMELIST(117) AND PAGES(418) - ScienceDirect', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 117, no. 4, pp. 418–434, 2000 [Online]. Available: [http://www.sciencedirect.com/science?\\_ob=ArticleListURL&\\_method=list&\\_ArticleListID=-635795253&\\_sort=r&\\_st=13&view=c&md5=0141b36afcd91ad46f654b53faa2e9fe&searchtype=a](http://www.sciencedirect.com/science?_ob=ArticleListURL&_method=list&_ArticleListID=-635795253&_sort=r&_st=13&view=c&md5=0141b36afcd91ad46f654b53faa2e9fe&searchtype=a)

[40]

J. Noar, *Interceptive orthodontics: a practical guide to occlusal management*, First edition. Chichester, West Sussex, UK: Wiley Blackwell, 2014 [Online]. Available: <http://dx.doi.org/10.1002/978118917336>

[41]

J. Noar, *Interceptive orthodontics: a practical guide to occlusal management*, First edition. Chichester, West Sussex, UK: Wiley Blackwell, 2014 [Online]. Available: <http://dx.doi.org/10.1002/978118917336>

[42]

J. R. E. Mills, 'Clinical control of craniofacial growth: A skeptics viewpoint.', in *Clinical alteration of the growing face*, vol. Craniofacial growth series, Ann Arbor, Mich: Center for Human Growth and Development, University of Michigan, 1983, pp. 17–39.

[43]

A. Bjork, 'Facial growth in man, studied with the aid of metallic implants', *Acta odontologica scandinavica*, vol. 13, no. 1, pp. 9–34, 1955.

[44]

A. Björk and V. Skieller, 'Normal and abnormal growth of the mandible. A synthesis of longitudinal cephalometric implant studies over a period of 25 years', *The European Journal of Orthodontics*, vol. 5, no. 1, pp. 1–46, Feb. 1983, doi: 10.1093/ejo/5.1.1.

[45]

A. Bjork and V. Skieller, 'Growth of the maxilla in three dimensions as revealed radiographically by the implant method.', *British journal of orthodontics*, vol. 4, no. 2, pp. 53-64, 1977.

[46]

A. Bjork, 'Sutural growth of the upper face studied by the implant method', *Transactions of the European Orthodontic Society*, pp. 49-65, 1964.

[47]

'The tissue reaction as related to the functional factor', *Transactions of the European Orthodontic Society*, vol. 195, pp. 123-136.

[48]

R. J. Smith and C. J. Burstone, 'Mechanics of tooth movement', *American Journal of Orthodontics*, vol. 85, no. 4, pp. 294-307, Apr. 1984, doi: 10.1016/0002-9416(84)90187-8.

[49]

D. E. Bowden, 'Theoretical considerations of headgear therapy: a literature review. 1. Mechanical principles.', *British journal of orthodontics*, vol. 5, no. 3, pp. 145-152, 1978 [Online]. Available: <http://jorthod.maneyjournals.org/content/5/3/145.citation>

[50]

D. E. Bowden, 'Theoretical considerations of headgear therapy: a literature review. 2. Clinical response and usage.', *British journal of orthodontics*, vol. 5, no. 4, pp. 173-181, 1978 [Online]. Available: <http://jorthod.maneyjournals.org/content/5/4/173.citation>

[51]

L. F. Andrews, 'The six keys to normal occlusion', *American Journal of Orthodontics*, vol. 62, no. 3, pp. 296-309, Sep. 1972, doi: 10.1016/S0002-9416(72)90268-0.

[52]

J. L. Ackerman and W. R. Proffit, 'Soft tissue limitations in orthodontics: Treatment planning guidelines', *The Angle Orthodontic*, vol. 67, no. 5, pp. 327–336, 1997 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281997%29067%3C0327%3ASTLIOT%3E2.3.CO%3B2>

[53]

D. S. Gill, F. B. Naini, and C. Tredwin, 'Smile Aesthetics', *Dental Update*, vol. 34, no. 3, pp. 152–158, 2007 [Online]. Available: <http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=582>

[54]

D. M. Sarver, 'The importance of incisor positioning in the esthetic smile: The smile arc', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 120, no. 2, pp. 98–111, Aug. 2001, doi: 10.1067/mod.2001.114301.

[55]

W. J. B. Houston, 'Incisor edge-centroid relationships and overbite depth', *European Journal of Orthodontics*, vol. 11, no. 2, pp. 139–143, 1989 [Online]. Available: <http://ejo.oxfordjournals.org/content/11/2/139.abstract>

[56]

W. J. B. Houston and R. Edler, 'Long-term stability of the lower labial segment relative to the A-Pog line', *The European Journal of Orthodontics*, vol. 12, no. 3, pp. 302–310, Aug. 1990, doi: 10.1093/ejo/12.3.302.

[57]

J. Odman, U. Lekholm, T. Jemt, P.-I. Branemark, and B. Thilander, 'Osseointegrated titanium implants--a new approach in orthodontic treatment', *The European Journal of Orthodontics*, vol. 10, no. 2, pp. 98–105, May 1988, doi: 10.1093/ejo/10.2.98.

[58]

P. Fudalej, V. G. Kokich, and B. Leroux, 'Determining the cessation of vertical growth of the craniofacial structures to facilitate placement of single-tooth implants', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 131, no. 4, pp. S59–S67, Apr. 2007, doi: 10.1016/j.ajodo.2006.07.022.

[59]

Y. Chen, H. M. Kyung, W. T. Zhao, and W. J. Yu, 'Critical factors for the success of orthodontic mini-implants: A systematic review', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 135, no. 3, pp. 284–291, Mar. 2009, doi: 10.1016/j.ajodo.2007.08.017.

[60]

S. Kuroda, Y. Sakai, N. Tamamura, T. Deguchi, and T. Takano-Yamamoto, 'Treatment of severe anterior open bite with skeletal anchorage in adults: Comparison with orthognathic surgery outcomes', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 132, no. 5, pp. 599–605, Nov. 2007, doi: 10.1016/j.ajodo.2005.11.046.

[61]

P. E. Benson, D. Tinsley, J. J. O'Dwyer, A. Majumdar, P. Doyle, and P. J. Sandler, 'Midpalatal implants vs headgear for orthodontic anchorage—a randomized clinical trial: Cephalometric results', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 132, no. 5, pp. 606–615, Nov. 2007, doi: 10.1016/j.ajodo.2006.01.040.

[62]

M. A. Cornelis, N. R. Scheffler, H. J. De Clerck, J. F. C. Tulloch, and C. N. Behets, 'Systematic review of the experimental use of temporary skeletal anchorage devices in orthodontics', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 131, no. 4, pp. S52–S58, Apr. 2007, doi: 10.1016/j.ajodo.2006.05.033.

[63]

L. Bondemark and A. Karlsson, 'Extraoral vs Intraoral Appliance for Distal Movement of Maxillary First Molars', *The Angle Orthodontist* -, 2005. [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%282005%2975%5B699%3AEVIAFD%5D2.0.CO%3B2>

[64]

I. Feldmann and L. Bondemark, 'Anchorage capacity of osseointegrated and conventional anchorage systems: A randomized controlled trial', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 133, no. 3, p. 339.e19-339.e28, Mar. 2008, doi: 10.1016/j.ajodo.2007.08.014.

[65]

P. F. Day, S. A. Kindelan, J. R. Spencer, J. D. Kindelan, and M. S. Duggal, 'Dental trauma: part 2. Managing poor prognosis anterior teeth - treatment options for the subsequent space in a growing patient', Journal of Orthodontics, vol. 35, no. 3, pp. 143-155, Sep. 2008, doi: 10.1179/146531207225022590.

[66]

S. E. Bishara and R. R. Ziaja, 'Functional appliances: A review', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 95, no. 3, pp. 250-258, Mar. 1989, doi: 10.1016/0889-5406(89)90055-3.

[67]

J. F. C. Tulloch, W. R. Proffit, and C. Phillips, 'Outcomes in a 2-phase randomized clinical trial of early class II treatment', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 125, no. 6, pp. 657-667, Jun. 2004, doi: 10.1016/j.ajodo.2004.02.008.

[68]

J. F. C. Tulloch, C. Phillips, and W. R. Proffit, 'Benefit of early Class II treatment: Progress report of a two-phase randomized clinical trial', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 113, no. 1, pp. 62-74, Jan. 1998, doi: 10.1016/S0889-5406(98)70277-X.

[69]

I. Brin, J. F. C. Tulloch, L. Koroluk, and C. Philips, 'External apical root resorption in Class II malocclusion: a retrospective review of 1- versus 2-phase treatment', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 124, no. 2, pp. 151-156, Aug. 2003, doi: 10.1016/S0889-5406(03)00166-5.

[70]

L. D. Koroluk, J. F. C. Tulloch, and C. Phillips, 'Incisor trauma and early treatment for Class II Division 1 malocclusion', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 123, no. 2, pp. 117–125, Feb. 2003, doi: 10.1067/mod.2003.86.

[71]

W. Clark, 'Design and management of Twin Blocks: reflections after 30 years of clinical use', *Journal of Orthodontics*, vol. 37, no. 3, pp. 209–216, Sep. 2010, doi: 10.1179/14653121043110.

[72]

K. O'Brien et al., 'Effectiveness of early orthodontic treatment with the twin-block appliance: A multicenter, randomized, controlled trial. Part 1: Dental and skeletal effects', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 124, no. 3, pp. 234–243, Sep. 2003, doi: 10.1016/S0889-5406(03)00352-4.

[73]

K. O'Brien et al., 'Effectiveness of early orthodontic treatment with the twin-block appliance: a multicenter, randomized, controlled trial. Part 2: psychosocial effects', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 124, no. 5, pp. 488–494, Nov. 2003, doi: 10.1016/j.ajodo.2003.06.001.

[74]

K. O'Brien et al., 'Early treatment for Class II malocclusion and perceived improvements in facial profile', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 135, no. 5, pp. 580–585, May 2009, doi: 10.1016/j.ajodo.2008.02.020.

[75]

J. F. C. Tulloch, C. Phillips, G. Koch, and W. R. Proffit, 'The effect of early intervention on skeletal pattern in Class II malocclusion: A randomized clinical trial', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 111, no. 4, pp. 391–400, Apr. 1997, doi: 10.1016/S0889-5406(97)80021-2.

[76]

W. J. Clark, 'The twin block technique A functional orthopedic appliance system', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 93, no. 1, pp. 1-18, Jan. 1988, doi: 10.1016/0889-5406(88)90188-6.

[77]

P. Banks, J. Wright, and K. O'Brien, 'Incremental versus maximum bite advancement during twin-block therapy: A randomized controlled clinical trial', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 126, no. 5, pp. 583-588, Nov. 2004, doi: 10.1016/j.ajodo.2004.03.024.

[78]

P. S. Fleming, P. Scott, and A. T. DiBiase, 'How to ... manage the transition from functional to fixed appliances', Journal of Orthodontics, vol. 34, no. 4, pp. 252-259, Dec. 2007, doi: 10.1179/146531207225022311.

[79]

L. F. Andrews, 'The Straight Wire Appliance', British journal of orthodontics, vol. 6, no. 3, pp. 125-143, 1979.

[80]

P. C. Kesling, 'Dynamics of the tip-edge bracket', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 96, no. 1, pp. 16-25, Jul. 1989, doi: 10.1016/0889-5406(89)90224-2.

[81]

A. Auluck, 'Lingual orthodontic treatment: what is the current evidence base?', Journal of Orthodontics, vol. 40, no. s1, pp. s27-s33, Sep. 2013, doi: 10.1179/1465313313Y.0000000073.

[82]

S. S.-H. Chen, G. M. Greenlee, J.-E. Kim, C. L. Smith, and G. J. Huang, 'Systematic review of self-ligating brackets', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 137, no. 6, p. 726.e1-726.e18, Jun. 2010, doi: 10.1016/j.ajodo.2009.11.009.

[83]

R. P. McLAUGHLIN and J. C. BENNETT, 'Bracket Placement with the Preadjusted Appliance - Journal of Clinical Orthodontics', Add to e-Shelf Journal of clinical orthodontics, vol. 29, no. 5, pp. 302-311, 1995 [Online]. Available: <http://www.jco-online.com.libproxy.ucl.ac.uk/archive/article-view.aspx?year=1995&month=05&articlenum=302>

[84]

R. Irvine, 'The effectiveness of laceback ligatures: A randomized controlled clinical trial', Journal of Orthodontics, vol. 31, no. 4, pp. 303-311, Dec. 2004, doi: 10.1179/146531204225020606.

[85]

V. Dixon, M. J. F. Read, K. D. O'Brien, H. V. Worthington, and N. A. Mandall, 'A randomised clinical trial to compare three methods of orthodontic space closure', Journal of Orthodontics, vol. 29, no. 1, pp. 31-36, 2002, doi: 10.1093/ortho/29.1.31.

[86]

P. S. Fleming and A. Johal, 'Self-Ligating Brackets in Orthodontics', The Angle Orthodontist, vol. 80, no. 3, pp. 575-584, May 2010, doi: 10.2319/081009-454.1.

[87]

A. I. Owais, M. E. Rousan, S. A. Badran, and E. S. Abu Alhaija, 'Effectiveness of a lower lingual arch as a space holding device', The European Journal of Orthodontics, vol. 33, no. 1, pp. 37-42, Feb. 2011, doi: 10.1093/ejo/cjq022.

[88]

H. Long, Y. Zhou, and W. Lai, 'The effectiveness of laceback ligatures during initial orthodontic alignment: A systematic review and meta-analysis', European Journal of Orthodontics, vol. 35, no. 4, pp. 547-548, 2013 [Online]. Available: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=89354375&site=ehost-live&scope=site>

[89]

B. J. Selwyn-Barnett, 'Class II/Division 2 malocclusion: a method of planning and treatment.', *British journal of orthodontics*, vol. 23, no. 1, pp. 29–36, 1996 [Online]. Available: <http://jorthod.maneyjournals.org/content/23/1/29.abstract>

[90]

B. J. Selwyn-Barnett, 'Rationale of treatment for Class II division 2 malocclusion', *British journal of orthodontics*, vol. 18, no. 3, pp. 173–181, 1991.

[91]

G. Davies and R. Davies, 'Delivering Better Oral Health - An Evidence-Based Toolkit for Prevention: A Review', *Dental Update*, 2008. [Online]. Available: <http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=683>

[92]

R. Evans and W. Shaw, 'Preliminary evaluation of an illustrated scale for rating dental attractiveness', *The European Journal of Orthodontics*, vol. 9, no. 4, pp. 314–318, Nov. 1987, doi: 10.1093/ejo/9.4.314.

[93]

P. H. Brooke and W. C. Show, 'The development of an index of orthodontic treatment priority', *European Journal of Orthodontics*, vol. 11, no. 3, pp. 309–332 [Online]. Available: <http://ejo.oxfordjournals.org/content/11/3/309.abstract>

[94]

S. Richmond et al., 'The development of the PAR Index (Peer Assessment Rating): reliability and validity', *The European Journal of Orthodontics*, vol. 14, no. 2, pp. 125–139, Apr. 1992, doi: 10.1093/ejo/14.2.125.

[95]

C. Daniels and S. Richmond, 'The Development of the Index of Complexity, Outcome and Need (ICON)', *Journal of Orthodontics*, vol. 27, no. 2, pp. 149–162, 2000, doi: 10.1093/ortho/27.2.149.

[96]

M. Mars, D. A. Plint, W. J. B. Houston, O. Bergland, and G. Semb, 'The Goslon Yardstick: A New System of Assessing Dental Arch Relationships in Children with Unilateral Clefts of the Lip and Palate', *The Cleft palate journal*, vol. 24, no. 4, pp. 314–322, 1987 [Online]. Available: <http://digital.library.pitt.edu/c/cleftpalate/pdf/e20986v24n4.08.pdf>

[97]

W. C. Shaw, S. Richmond, K. D. O'Brien, P. Brook, and C. D. Stephens, 'Quality control in orthodontics: indices of treatment need and treatment standards', *British Dental Journal*, vol. 170, no. 3, pp. 107–112, Feb. 1991, doi: 10.1038/sj.bdj.4807429.

[98]

D. T. Millett, A.-M. Glenny, R. C. Mattick, J. Hickman, and N. A. Mandall, 'Adhesives for fixed orthodontic bands', *Cochrane Database of Systematic Reviews*, Sep. 1996, doi: 10.1002/14651858.CD004485.pub3.

[99]

P. K. Shivapuja and J. Berger, 'A comparative study of conventional ligation and self-ligation bracket systems', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 106, no. 5, pp. 472–480, Nov. 1994, doi: 10.1016/S0889-5406(94)70069-9.

[100]

C. J. Burstone, 'Variable-modulus orthodontics', *American Journal of Orthodontics*, vol. 80, no. 1, pp. 1–16, Jul. 1981, doi: 10.1016/0002-9416(81)90192-5.

[101]

R. P. Kusy, 'Comparison of nickel-titanium and beta titanium wire sizes to conventional orthodontic arch wire materials', *American Journal of Orthodontics*, vol. 79, no. 6, pp. 625–629, Jun. 1981, doi: 10.1016/0002-9416(81)90355-9.

[102]

G. D. Edwards, E. H. Davies, and S. P. Jones, 'The ex vivo effect of ligation technique on the static frictional resistance of stainless steel brackets and archwires.', *British journal of orthodontics*, vol. 22, no. 2, pp. 145–153, 1995 [Online]. Available: <http://jorthod.maneyjournals.org/content/22/2/145.abstract>

[103]

R. P. Kusy, J. Q. Whitley, and M. J. Prewitt, 'Comparison of the frictional coefficients for selected archwire-bracket slot combinations in the dry and wet states', *The Angle Orthodontist*, vol. 61, no. 4, pp. 293–302, 1991 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281991%29061%3C0293%3ACOTFCF%3E2.0.CO%3B2>

[104]

N. E. Waters, 'Superelastic nickel-titanium wires.', *British journal of orthodontics*, vol. 19, no. 4, pp. 319–322, 1992.

[105]

N. Mandall et al., 'Which orthodontic archwire sequence? A randomized clinical trial', *The European Journal of Orthodontics*, vol. 28, no. 6, pp. 561–566, Dec. 2006, doi: 10.1093/ejo/cjl030.

[106]

M. Santoro, O. F. Nicolay, and T. J. Cangialosi, 'Pseudoelasticity and thermoelasticity of nickel-titanium alloys: A clinically oriented review. Part II: Deactivation forces', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 119, no. 6, pp. 594–603, Jun. 2001, doi: 10.1067/mod.2001.112447.

[107]

Z. Davidovitch, M. D. Finkelson, S. Steigman, J. L. Shanfeld, P. C. Montgomery, and E. Korostoff, 'Electric currents, bone remodeling, and orthodontic tooth movement', *American Journal of Orthodontics*, vol. 77, no. 1, pp. 33–47, Jan. 1980, doi: 10.1016/0002-9416(80)90222-5.

[108]

K. Reitan and P. Rygh, 'Biomechanical principles and reactions', in Current orthodontic concepts and techniques., 1985, pp. 101-192.

[109]

J. R. Sandy, R. W. Farndale, and M. C. Meikle, 'Recent advances in understanding mechanically induced bone remodeling and their relevance to orthodontic theory and practice', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 103, no. 3, pp. 212-222, Mar. 1993, doi: 10.1016/0889-5406(93)70002-6.

[110]

P. A. Hill, 'Bone Remodelling', British journal of orthodontics, vol. 25, no. 2, pp. 101-107, 1998, doi: 10.1093/ortho/25.2.101. [Online]. Available: <http://jorthod.maneyjournals.org/content/25/2/101.full.pdf+html>

[111]

V. Krishnan and Z. Davidovitch, 'On a Path to Unfolding the Biological Mechanisms of Orthodontic Tooth Movement', Journal of Dental Research, vol. 88, no. 7, pp. 597-608, 2009 [Online]. Available: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=43550283&site=ehost-live&scope=site>

[112]

F. Weiland, 'Constant versus dissipating forces in orthodontics: The effect on initial tooth movement and root resorption', European Journal of Orthodontics, vol. 25, no. 4, pp. 335-342, 2003 [Online]. Available: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=43293270&site=ehost-live&scope=site>

[113]

R. A. Wertz, 'Skeletal and dental changes accompanying rapid midpalatal suture opening', American Journal of Orthodontics, vol. 58, no. 1, pp. 41-66, Jul. 1970, doi: 10.1016/0002-9416(70)90127-2.

[114]

A. J. Hass, 'Long-Term Posttreatment Evaluation of Rapid Palatal Expansion', *The Angle Orthodontist*, vol. 50, no. 3, pp. 189–217, 1980 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281980%29050%3C0189%3ALPEORP%3E2.0.CO%3B2>

[115]

P. V. Westwood, J. A. McNamara, T. Baccetti, L. Franchi, and D. M. Sarver, 'Long-term effects of Class III treatment with rapid maxillary expansion and facemask therapy followed by fixed appliances', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 123, no. 3, pp. 306–320, Mar. 2003, doi: 10.1067/mod.2003.44.

[116]

T. Baccetti, L. Franchi, and J. A. McNamara, 'Treatment and posttreatment craniofacial changes after rapid maxillary expansion and facemask therapy', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 118, no. 4, pp. 404–413, Oct. 2000, doi: 10.1067/mod.2000.109840.

[117]

A. J. Kapust, P. M. Sinclair, and P. K. Turley, 'Cephalometric effects of face mask/expansion therapy in Class III children: A comparison of three age groups', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 113, no. 2, pp. 204–212, Feb. 1998, doi: 10.1016/S0889-5406(98)70141-6.

[118]

T. Baccetti, L. Franchi, and J. A. McNamara, 'Cephalometric variables predicting the long-term success or failure of combined rapid maxillary expansion and facial mask therapy', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 126, no. 1, pp. 16–22, Jul. 2004, doi: 10.1016/j.ajodo.2003.06.010.

[119]

N. Anne Mandall et al., 'Is early class III protraction facemask treatment effective? A multicentre, randomized, controlled trial: 3-year follow-up', *Journal of Orthodontics*, vol. 39, no. 3, pp. 176–185, Sep. 2012, doi: 10.1179/1465312512Z.00000000028.

[120]

H. Opdebeeck, W. H. Bell, J. Eisenfeld, and D. Mishelevich, 'Comparative study between the SFS and LFS rotation as a possible morphogenetic mechanism', *American Journal of Orthodontics*, vol. 74, no. 5, pp. 509–521, Nov. 1978, doi: 10.1016/0002-9416(78)90026-X.

[121]

H. W. Fields, W. R. Proffit, W. L. Nixon, C. Phillips, and E. Stanek, 'Facial pattern differences in long-faced children and adults', *American Journal of Orthodontics*, vol. 85, no. 3, pp. 217–223, Mar. 1984, doi: 10.1016/0002-9416(84)90061-7.

[122]

S. Linder-Aronson, 'Respiratory function in relation to facial morphology and the dentition.', *British journal of orthodontics*, vol. 6, no. 2, pp. 59–71, 1978.

[123]

Y. H. Kim, 'Anterior Openbite and its Treatment with Multiloop Edgewise Archwire', *The Angle Orthodontist*, vol. 57, no. 4, pp. 290–321, 1987 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281987%29057%3C0290%3AAOAITW%3E2.0.CO%3B2>

[124]

D. J. Dung and R. J. Smith, 'Cephalometric and clinical diagnoses of open bite tendency', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 94, no. 6, pp. 484–490, Dec. 1988, doi: 10.1016/0889-5406(88)90006-6.

[125]

Y. H. Kim, U. K. Han, D. D. Lim, and Ma. L. P. Serraon, 'Stability of anterior openbite correction with multiloop edgewise archwire therapy: A cephalometric follow-up study', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 118, no. 1, pp. 43–54, Jul. 2000, doi: 10.1067/mod.2000.104830.

[126]

H. L. Obwegeser and M. S. Makek, 'Hemimandibular hyperplasia — Hemimandibular elongation', *Journal of Maxillofacial Surgery*, vol. 14, pp. 183–208, Jan. 1986, doi:

10.1016/S0301-0503(86)80290-9.

[127]

S. E. Bishara, P. S. Burkey, and H. G. Kharouf, 'The Angle Orthodontist - Dental and facial asymmetries: a review', *The Angle Orthodontist*, vol. 64, no. 2, pp. 89-98, 1994 [Online]. Available:  
<http://www.angle.org/doi/abs/10.1043/0003-3219%281994%29064%3C0089%3ADAFAAR%3E2.0.CO%3B2>

[128]

N. E. Carter and D. A. Slattery, 'Bimaxillary proclination in patients of Afro-Caribbean origin.', *British journal of orthodontics*, vol. 15, no. 3, pp. 175-184, 1988.

[129]

J. D. Jacobs and P. M. Sinclair, 'Principles of orthodontic mechanics in orthognathic surgery cases', *American Journal of Orthodontics*, vol. 84, no. 5, pp. 399-407, 1983, doi: 10.1016/0002-9416(93)90003-P.

[130]

M. Pogrel, L. Kaban, K. Vargervik, and S. Baumrind, 'Surgically assisted rapid maxillary expansion in adults.', *The International journal of adult orthodontics and orthognathic surgery*, vol. 7, no. 1, pp. 37-41, 1992.

[131]

W. Proffit, C. Phillips, J. Tulloch, and P. Medland, 'Surgical versus orthodontic correction of skeletal Class II malocclusion in adolescents: effects and indications', *The International journal of adult orthodontics and orthognathic surgery*, vol. 7, no. 4, pp. 209-220, 1992.

[132]

W. Proffit, T. Turvey, and C. Phillips, 'Orthognathic surgery: a hierarchy of stability', *The International journal of adult orthodontics and orthognathic surgery*, vol. 11, no. 3, pp. 191-204, 1996.

[133]

W. R. Proffit, T. A. Turvey, and C. Phillips, 'The hierarchy of stability and predictability in orthognathic surgery with rigid fixation: an update and extension', *Head & Face Medicine*, vol. 3, no. 1, 2007, doi: 10.1186/1746-160X-3-21.

[134]

E. G. L. Lee, F. S. Ryan, J. Shute, and S. J. Cunningham, 'The Impact of Altered Sensation Affecting the Lower Lip After Orthognathic Treatment', *Journal of Oral and Maxillofacial Surgery*, vol. 69, no. 11, pp. e431-e445, Nov. 2011, doi: 10.1016/j.joms.2011.07.013.

[135]

British Society for the Study of Orthodontics and British Association of Orthodontists, 'British journal of orthodontics', *Facial profile and orthognathic surgery.*, vol. 11, no. 3, 1984.

[136]

British Society for the Study of Orthodontics and British Association of Orthodontists, 'British journal of orthodontics', The Clinical Standards Advisory Group (CSAG) Cleft Lip and Palate Study., vol. 25, no. 1, 1998, doi: 10.1093/ortho/25.1.21. [Online]. Available: <http://jorthod.maneyjournals.org/content/25/1/21.abstract>

[137]

C. Asher-McDade et al., 'A Six-Center International Study of Treatment Outcome in Patients with Clefts of the Lip and Palate: Part 4. Assessment of Nasolabial Appearance', *The Cleft Palate-Craniofacial Journal*, vol. 29, no. 5, pp. 409-412, Sep. 1992, doi: 10.1597/1545-1569(1992)029<0409:ASCISO>2.3.CO;2.

[138]

R. B. Ross, 'Treatment Variables Affecting Facial Growth in Complete Unilateral Cleft Lip and Palate. Part 1: Treatment Affecting Growth', *The Cleft Palate Journal*, vol. 24, no. 1, pp. 5-23, 1987 [Online]. Available: <http://digital.library.pitt.edu/c/cleftpalate/pdf/e20986v24n1.02.pdf>

[139]

M. Mars, D. A. Plint, O. Bergland, W. J. B. Houston, and G. Semb, 'The GOSLON Yardstick. A new system for assessing dental arch relationships in children with cleft lip and palate', *The cleft palate journal*, vol. 24, no. 4, pp. 314-322, 1987 [Online]. Available: <http://digital.library.pitt.edu/c/cleftpalate/pdf/e20986v24n4.08.pdf>

[140]

B. Di and A. Markus, 'Cleft lip and palate care in the UK: the CSAG report', *British Dental Journal*, vol. 185, no. 7, pp. 320-321, Oct. 1998, doi: 10.1038/sj.bdj.4809800.

[141]

G. Tamburrini, M. Caldarelli, L. Massimi, G. Gasparini, S. Pelo, and C. Di Rocco, 'Complex craniosynostoses: a review of the prominent clinical features and the related management strategies', *Child's Nervous System*, vol. 28, no. 9, pp. 1511-1523, Sep. 2012, doi: 10.1007/s00381-012-1819-4.

[142]

J. Ohtani, W. Y. Hoffman, K. Vargervik, and S. Oberoi, 'Team management and treatment outcomes for patients with hemifacial microsomia', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 141, no. 4, pp. S74-S81, Apr. 2012, doi: 10.1016/j.ajodo.2011.12.015.

[143]

D. T. Mettes, M. M. Nienhuijs, W. J. van der Sanden, E. H. Verdonschot, and A. Plasschaert, 'Interventions for treating asymptomatic impacted wisdom teeth in adolescents and adults', in *Cochrane Database of Systematic Reviews*, Chichester, UK: John Wiley & Sons, Ltd, 1996 [Online]. Available: <http://doi.wiley.com/10.1002/14651858.CD003879.pub2>

[144]

N. J. McGuinness, 'Prevention in orthodontics--a review.', *Dental update*, vol. 19, no. 4, pp. 168-175, 1992 [Online]. Available: [http://ucl-primo.hosted.exlibrisgroup.com/primo\\_library/libweb/action/display.do?jsessionid=A5725199FE9CECD3244DA16625175521?tabs=detailsTab&ct=display&fn=search&doc=dedupmrg113557014&indx=1&reclds=dedupmrg113557014&recldxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&dscnt=0&onCampus=false&query=any%2Ccontains%2Cdental+update&scp.scps=scope%3A%28LMS\\_JRNL\\_S%29&tab=loc](http://ucl-primo.hosted.exlibrisgroup.com/primo_library/libweb/action/display.do?jsessionid=A5725199FE9CECD3244DA16625175521?tabs=detailsTab&ct=display&fn=search&doc=dedupmrg113557014&indx=1&reclds=dedupmrg113557014&recldxs=0&elementId=0&renderMode=poppedOut&displayMode=full&frbrVersion=&dscnt=0&onCampus=false&query=any%2Ccontains%2Cdental+update&scp.scps=scope%3A%28LMS_JRNL_S%29&tab=loc)

al&dstmp=1416479797935&dym=true&highlight=true&vl(2235343UI0)=any&search\_scope=LSCOP\_UCL\_JNL&displayField=title&bulkSize=10&vl(freeText0)=dental%20update&vid=UCL\_VU1&institution=UCL

[145]

N. E. Attack, 'The Orthodontic Implications of Traumatized Upper Incisor Teeth', *Dental Update*, vol. 26, no. 10, pp. 432–436 [Online]. Available: <http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=63>

[146]

D. L. Bailey et al., 'Regression of Post-orthodontic Lesions by a Remineralizing Cream', *Journal of Dental Research*, vol. 88, no. 12, pp. 1148–1153, 2009 [Online]. Available: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=45402358&site=ehost-live&scope=site>

[147]

J. L. McComb, 'Orthodontic treatment and isolated gingival recession: a review.', *British journal of orthodontics*, vol. 21159, no. 2.

[148]

L. Linge and B. O. Linge, 'Patient characteristics and treatment variables associated with apical root resorption during orthodontic treatment', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 99, no. 1, pp. 35–43, Jan. 1991, doi: 10.1016/S0889-5406(05)81678-6.

[149]

N. Brezniak and A. Wasserstein, 'Root resorption after orthodontic treatment: Part 1. Literature review', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 103, no. 1, pp. 62–66, Jan. 1993, doi: 10.1016/0889-5406(93)70106-X.

[150]

N. Brezniak and A. Wasserstein, 'Root resorption after orthodontic treatment: Part 2. Literature review', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 103, no. 2, pp. 138–146, Feb. 1993, doi: 10.1016/S0889-5406(05)81763-9.

[151]

N. Brezniak and A. Wasserstein, 'Orthodontically Induced Inflammatory Root Resorption. Part II: The Clinical Aspects', *Angle Orthodontist*, vol. 72, no. 2, pp. 180–184, 2002 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%282002%29072%3C0180%3AOIIRR%3E2.0.CO%3B2>

[152]

E. Levander and O. Malmgren, 'Long-term follow-up of maxillary incisors with sever apical root resorption.', *European Journal of Orthodontics*, vol. 22, no. 1, pp. 85–92, 2000 [Online]. Available: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=4637898&site=ehost-live&scope=site>

[153]

E. Levander, O. Malmgren, and S. Eliasson, 'Evaluation of root resorption in relation to two orthodontic treatment regimes. A clinical experimental study', *The European Journal of Orthodontics*, vol. 16, no. 3, pp. 223–228, Jun. 1994, doi: 10.1093/ejo/16.3.223.

[154]

B. Weltman, K. W. L. Vig, H. W. Fields, S. Shanker, and E. E. Kaizar, 'Root resorption associated with orthodontic tooth movement: A systematic review', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 137, no. 4, pp. 462–476, Apr. 2010, doi: 10.1016/j.ajodo.2009.06.021.

[155]

S. J. Littlewood, D. T. Millett, B. Doubleday, D. R. Bearn, and H. V. Worthington, 'Retention procedures for stabilising tooth position after treatment with orthodontic braces', in *Cochrane Database of Systematic Reviews*, Chichester, UK: John Wiley & Sons, Ltd, 1996 [Online]. Available: <http://doi.wiley.com/10.1002/14651858.CD002283.pub3>

[156]

S. J. Littlewood, 'Orthodontic retention: A systematic review', *Journal of Orthodontics*, vol. 33, no. 3, pp. 205–212, Sep. 2006, doi: 10.1179/146531205225021624.

[157]

Retention and stability in orthodontics. Philadelphia: W.B. Saunders, 1993.

[158]

J. R. Miles, 'The stability of the lower labial segment. A cephalometric survey', *Dental Practitioner*, vol. 18, no. 8, pp. 293-306, 1968.

[159]

J. G. Edwards, 'A surgical procedure to eliminate rotational relapse', *American Journal of Orthodontics*, vol. 57, no. 1, pp. 35-46, Jan. 1970, doi: 10.1016/0002-9416(70)90203-4.

[160]

R. M. Little, 'Stability and relapse of dental arch alignment.', *Journal of orthodontics*, vol. 17, no. 3, pp. 235-241, 1990 [Online]. Available: <http://jorthod.maneyjournals.org/content/17/3/235.abstract>

[161]

N. W. T. Harradine, M. H. Pearson, and B. Toth, 'The effect of extraction of third molars on late lower incisor crowding: A randomized controlled trial', *Journal of orthodontics*, vol. 25, no. 2, pp. 117-122, 1998, doi: 10.1093/ortho/25.2.117.

[162]

J. L. McComb, 'Orthodontic treatment and isolated gingival recession: a review.', *British journal of orthodontics*, vol. 21, no. 2, pp. 151-159, 1994 [Online]. Available: <http://jorthod.maneyjournals.org/content/21/2/151.abstract>

[163]

R. M. Little, R. A. Riedel, and A. Stein, 'Mandibular arch length increase during the mixed dentition: Postretention evaluation of stability and relapse', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 97, no. 5, pp. 393-404, May 1990, doi:

10.1016/S0889-5406(08)70111-O.

[164]

H. Rowland et al., 'The effectiveness of Hawley and vacuum-formed retainers: A single-center randomized controlled trial', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 132, no. 6, pp. 730–737, Dec. 2007, doi: 10.1016/j.ajodo.2006.06.019.

[165]

S. Barlin, R. Smith, R. Reed, J. Sandy, and A. J. Ireland, 'A retrospective randomized double-blind comparison study of the effectiveness of Hawley vs vacuum-formed retainers', *The Angle Orthodontist*, vol. 81, no. 3, pp. 404–409, 2011 [Online]. Available: <http://www.angle.org/doi/abs/10.2319/072610-437.1>

[166]

E. Thickett and S. Power, 'A randomized clinical trial of thermoplastic retainer wear', *The European Journal of Orthodontics*, vol. 32, no. 1, pp. 1–5, Feb. 2010, doi: 10.1093/ejo/cjp061.

[167]

S. J. Rudge, 'Dental arch analysis: arch form A review of the literature', *The European Journal of Orthodontics*, vol. 3, no. 4, pp. 279–284, Jan. 1981, doi: 10.1093/ejo/3.4.279.

[168]

J. M. Felton, P. M. Sinclair, D. L. Jones, and R. G. Alexander, 'A computerized analysis of the shape and stability of mandibular arch form', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 92, no. 6, pp. 478–483, Dec. 1987, doi: 10.1016/0889-5406(87)90229-0.

[169]

L. F. Andrews, 'The six keys to normal occlusion', *American Journal of Orthodontics*, vol. 62, no. 3, pp. 296–309, Sep. 1972, doi: 10.1016/S0002-9416(72)90268-0.

[170]

C. Sadowsky and E. A. BeGole, 'Long-term status of temporomandibular joint function and functional occlusion after orthodontic treatment', *American Journal of Orthodontics*, vol. 78, no. 2, pp. 201-212, Aug. 1980, doi: 10.1016/0002-9416(80)90060-3.

[171]

J. Clark, 'Functional occlusal relationships in a group of post-orthodontic patients: preliminary findings', *The European Journal of Orthodontics*, vol. 20, no. 2, pp. 103-110, Apr. 1998, doi: 10.1093/ejo/20.2.103.

[172]

'American Journal of Orthodontics and Dentofacial Orthopedics' [Online]. Available: <http://www.sciencedirect.com/science/journal/08895406/101/1>

[173]

F. Luther, 'Orthodontics and the temporomandibular joint: Where are we now? Part 1. Orthodontic treatment and temporomandibular disorders', *The Angle orthodontist*, vol. 68, no. 4, pp. 295-304, 1998 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281998%29068%3C0295%3AOATTJW%3E2.3.CO%3B2>

[174]

F. Luther, 'The Angle Orthodontist - Orthodontics and the temporomandibular joint: Where are we now? Part 2. Functional occlusion, malocclusion, and TMD', *The Angle orthodontist*, 1998. [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281998%29068%3C0305%3AOATTJW%3E2.3.CO%3B2>

[175]

F. Luther, S. Layton, and F. McDonald, 'Orthodontics for treating temporomandibular joint (TMJ) disorders', in *Cochrane Database of Systematic Reviews*, Chichester, UK: John Wiley & Sons, Ltd, 1996 [Online]. Available: <http://doi.wiley.com/10.1002/14651858.CD006541.pub2>

[176]

F. Luther, 'TMD and occlusion part I. Damned if we do? Occlusion: the interface of dentistry and orthodontics', BDJ, vol. 202, no. 1, pp. E2-E2, Jan. 2007, doi: 10.1038/bdj.2006.122.

[177]

F. Luther, 'TMD and occlusion part II. Damned if we don't? Functional occlusal problems: TMD epidemiology in a wider context', BDJ, vol. 202, no. 1, pp. E3-E3, Jan. 2007, doi: 10.1038/bdj.2006.123.

[178]

F. R. Ashley et al., 'The relationship between irregularity of the incisor teeth, plaque, and gingivitis: a study in a group of schoolchildren aged 11-14 years', European Journal of Orthodontics, vol. 20, no. 1, pp. 65-72, 1998 [Online]. Available: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=4337265&site=ehost-live&scope=site>

[179]

B. U. ZACHRISSON and L. ALNAES, 'The Angle Orthodontist - Periodontal Condition in Orthodontically Treated and Untreated Individuals I. Loss of Attachment, Gingival Pocket Depth and Clinical Crown Height', The Angle Orthodontist, vol. 43, no. 4, pp. 402-411, 1973 [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281973%29043%3C0402%3APCIOTA%3E2.0.CO%3B2>

[180]

B. U. ZACHRISSON and L. ALNAES, 'Periodontal Condition in Orthodontically Treated and Untreated Individuals II. Alveolar Bone Loss: Radiographic Findings', The Angle Orthodontist, 1974. [Online]. Available: <http://www.angle.org/doi/abs/10.1043/0003-3219%281974%29044%3C0048%3APCIOTA%3E2.0.CO%3B2>

[181]

N. E. Atack, J. R. Sandy, and M. Addy, 'Periodontal and Microbiological Changes Associated With the Placement of Orthodontic Appliances. A Review\*', Journal of Periodontology, vol. 67, no. 2, pp. 78-85, Feb. 1996, doi: 10.1902/jop.1996.67.2.78.

[182]

M. K. Cedro, D. R. Moles, and S. J. Hodges, 'Adult orthodontics -- who's doing what?', Journal of Orthodontics, vol. 37, no. 2, pp. 107–117, Jun. 2010, doi: 10.1179/14653121042966.

[183]

M. Cedro, D. R. Moles, and S. Hodges, 'Adult orthodontics in the absence of orthognathic treatment: a hospital perspective', Journal of Orthodontics, vol. 39, no. 4, pp. 292–302, Dec. 2012, doi: 10.1179/1465312512Z.00000000050.

[184]

A. Johal et al., 'State of the science on controversial topics: orthodontic therapy and gingival recession (a report of the Angle Society of Europe 2013 meeting)', Progress in Orthodontics, vol. 14, no. 1, 2013, doi: 10.1186/2196-1042-14-16.

[185]

S. Pabari, D. R. Moles, and S. J. Cunningham, 'Assessment of motivation and psychological characteristics of adult orthodontic patients', American Journal of Orthodontics and Dentofacial Orthopedics, vol. 140, no. 6, pp. e263–e272, Dec. 2011, doi: 10.1016/j.ajodo.2011.06.022.

[186]

K. Khalaf, J. Miskelly, E. Voge, and T. V. Macfarlane, 'Prevalence of hypodontia and associated factors: a systematic review and meta-analysis', Journal of Orthodontics, vol. 41, no. 4, pp. 299–316, Dec. 2014, doi: 10.1179/1465313314Y.0000000116.

[187]

K. Bjerklin and J. Bennett, 'The long-term survival of lower second primary molars in subjects with agenesis of the premolars', European Journal of Orthodontics, vol. 22, no. 3, pp. 245–255, 2000 [Online]. Available: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=4637930&site=ehost-live&scope=site>

[188]

D. S. Gill, S. Jones, J. Hobkirk, S. Bassi, K. Hemmings, and J. Goodman, 'Counselling Patients with Hypodontia', *Dental update*, vol. 35, no. 5, pp. 344–352, 2008 [Online]. Available: <http://www.dental-update.co.uk/issuesSingleIssueArticle.asp?aKey=670>

[189]

V. O. KOKICH and G. A. KINZER, 'Managing Congenitally Missing Lateral Incisors. Part I: Canine Substitution', *Journal of Esthetic and Restorative Dentistry*, vol. 17, no. 1, pp. 5–10, Jan. 2005, doi: 10.1111/j.1708-8240.2005.tb00076.x.

[190]

V. G. Kokich and F. M. Spear, 'Guidelines for managing theorthodontic-restorative patient', *Seminars in Orthodontics*, vol. 3, no. 1, pp. 3–20, Mar. 1997, doi: 10.1016/S1073-8746(97)80036-9.

[191]

J. H. Nunn et al., 'The interdisciplinary management of hypodontia: background and role of paediatric dentistry', *British Dental Journal*, vol. 194, no. 5, pp. 245–251, 2003 [Online]. Available: <http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=9512085&site=ehost-live&scope=site>

[192]

B. J. Polder, M. A. Van't Hof, F. P. G. M. Van der Linden, and A. M. Kuijpers-Jagtman, 'A meta-analysis of the prevalence of dental agenesis of permanent teeth', *Community Dentistry and Oral Epidemiology*, vol. 32, no. 3, pp. 217–226, Jun. 2004, doi: 10.1111/j.1600-0528.2004.00158.x.

[193]

T. M. Olsen and V. G. Kokich, 'Postorthodontic root approximation after opening space for maxillary lateral incisor implants', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 137, no. 2, p. 158.e1-158.e8, Feb. 2010, doi: 10.1016/j.ajodo.2009.08.024.

[194]

S. J. Cunningham, A. M. Garratt, and N. P. Hunt, 'Development of a condition-specific quality of life measure for patients with dentofacial deformity: I. Reliability of the instrument', *Community Dentistry and Oral Epidemiology*, vol. 28, no. 3, pp. 195–201, Jun. 2000, doi: 10.1034/j.1600-0528.2000.280305.x.

[195]

S. J. Cunningham, A. M. Garratt, and N. P. Hunt, 'Development of a condition-specific quality of life measure for patients with dentofacial deformity: II. Validity and responsiveness testing', *Community Dentistry and Oral Epidemiology*, vol. 30, no. 2, pp. 81–90, Apr. 2002, doi: 10.1034/j.1600-0528.2002.300201.x.

[196]

A. Jokovic et al., 'Questionnaire for Measuring Oral Health-related Quality of Life in Eight- to Ten-year-old Children', *Pediatric Dentistry*, vol. 26, no. 6, pp. 512–518, 2004 [Online]. Available:  
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=15340090&site=ehost-live&scope=site>

[197]

U. Klages, A. Bruckner, and A. Zentne, 'Dental aesthetics, self-awareness, and oral health-related quality of life in young adults', *European Journal of Orthodontics*, vol. 26, no. 5, pp. 507–514, 2004 [Online]. Available:  
<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,shib&db=ddh&AN=43316384&site=ehost-live&scope=site>

[198]

J. Seehra, P. S. Fleming, T. Newton, and A. T. DiBiase, 'Bullying in orthodontic patients and its relationship to malocclusion, self-esteem and oral health-related quality of life', *Journal of Orthodontics*, vol. 38, no. 4, pp. 247–256, Dec. 2011, doi: 10.1179/14653121141641.

[199]

W. C. Shaw, S. Richmond, P. M. Kenealy, A. Kingdon, and H. Worthington, 'A 20-year cohort study of health gain from orthodontic treatment: Psychological outcome', *American Journal of Orthodontics and Dentofacial Orthopedics*, vol. 132, no. 2, pp. 146–157, Aug. 2007, doi:

10.1016/j.ajodo.2007.04.009.